

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("6684211").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/01/20 09:43
S2	64	("5204947" "5377354" "5499109" "5508817" "5513126" "5548789" "5572643" "5574843" "5619648" "5623603" "5627764" "5630060" "5666542" "5675507" "5680619" "5694163" "5706502" "5710883" "5724574" "5734835" "5737599" "5737619" "5754700" "5754765" "5754851" "5760773" "5761673" "5764235" "5767846" "5768505" "5781741" "5781785" "5784058" "5787470" "5794039" "5794259" "5809512" "5818435" "5818447" "5821926" "5826102" "5828839" "5835683" "5842020" "5845299" "5848415" "5850446" "5854893" "5870544" "5875322" "5878223" "5882202" "5911776" "5918012" "5956491" "5963217" "5983190" "5987503" "5995093" "6014688" "6029164" "6069622" "6161107" "6210172").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/17 17:16
S3	0	("6684211").URPN.	USPAT	OR	ON	2006/01/17 17:53
S4	2	("20040222972").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/01/17 17:53
S5	380	(345/172).CCLS.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/01/18 11:33
S6	5388	(707/10).CCLS.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/01/18 11:27
S7	0	("2004/0222972").URPN.	USPAT	OR	ON	2006/01/18 11:29
S8	448	(Internet or web) and messenger or (multimedia adj communicat\$3)and text and image and object	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/01/18 11:38

S9	164	propert\$4 and S8	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/01/18 11:38
S10	169	sender and S8	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/01/18 12:19
S11	0	("2005/0259652").URPN.	USPAT	OR	ON	2006/01/18 11:43
S12	0	"IM" and (instant adj messag\$6) and chat&4 and S8	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/01/18 12:22
S13	0	IM and (instant adj messag\$6) and chat&4 and S8	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/01/18 12:27
S14	0	IM and (instant adj messag\$6) and chat&4	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/01/18 12:22
S15	0	(instant adj messag\$6) and chat&4	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/01/18 12:27
S17	12	IM and (instant adj messag\$6) and chat\$4 and S8	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/01/18 12:27
S18	0	("2004/0230659").URPN.	USPAT	OR	ON	2006/01/19 14:51
S19	2538	(instant adj messag\$6) and chat\$4	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/01/19 15:10
S20	2926	(709/227).CCLS.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/01/19 15:10
S21	1576	(709/204).CCLS.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/01/19 15:10
S22	1	("6987991").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/01/20 09:43
S23	5	("20020077135" "20020156866" "20030107555" "6021313" "6539240").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 10:05
S24	2	("2002/0077135").URPN.	USPAT	OR	ON	2006/01/20 11:44

S25	2	("5956491").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/01/20 11:44
S26	4	("4525779" "5008853" "5528671" "5659692").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 11:53
S27	2	("5854893").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/01/20 11:55
S28	2	("5574843").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/01/20 11:55
S29	36	("4315315" "4449180" "4455619" "4536840" "4546435" "4569019" "4644423" "4656603" "4681548" "4689022" "4723210" "4734764" "4736320" "4739477" "4779080" "4813013" "4821211" "4821220" "4827404" "4860204" "4872167" "4885717" "4893256" "4899136" "4905163" "4931950" "4953080" "5010500" "5072412" "5084813" "5204947" "5208665" "5208745" "5214756" "5220657" "5317732").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 11:55
S30	26	("5574843").URPN.	USPAT	OR	ON	2006/01/20 11:58
S31	11	("4785391" "5345067" "5574843" "5748192" "5754873" "5771342" "5790094" "5880709" "5898419" "5977979" "6034661").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 12:28
S32	36	("4315315" "4449180" "4455619" "4536840" "4546435" "4569019" "4644423" "4656603" "4681548" "4689022" "4723210" "4734764" "4736320" "4739477" "4779080" "4813013" "4821211" "4821220" "4827404" "4860204" "4872167" "4885717" "4893256" "4899136" "4905163" "4931950" "4953080" "5010500" "5072412" "5084813" "5204947" "5208665" "5208745" "5214756" "5220657" "5317732").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 13:36

S33	56	chat\$4 and IM and (instant ADj messag\$4) and theme	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 13:38
S34	9	("20010036839" "20020023131" "20020090069" "20020091777" "5428784" "5835130" "6226362" "6282565" "6501834").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 13:39
S35	0	("6760754").URPN.	USPAT	OR	ON	2006/01/20 13:41
S36	15	("20020026483" "20020034281" "20020059144" "20020116275" "20030007625" "5826064" "6026156" "6229880" "6252588" "6349327" "6397184" "6427064" "6510452" "6519771" "6574604").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 13:42


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1 [A model for implementing an object-oriented design without language extensions](#)



Jennifer Hamilton

 January 1996 **ACM SIGPLAN Notices**, Volume 31 Issue 1

Publisher: ACM Press

 Full text available: [pdf\(639.62 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

This paper proposes a means of implementing an object-oriented design in programming languages that do not directly support the object-oriented paradigm, without requiring language extensions. The model supports information hiding, dynamic binding, polymorphism and single inheritance through a typeless, dynamic approach similar to that of Smalltalk. Efficient dynamic method binding is achieved through direct lookup method tables constructed using an incremental graph-colouring algorithm. The met ...

2 [Localisation et contexte: Context-awareness, privacy and mobile access: a web semantic and multiagent approach](#)



Fabien L. Gandon, Norman M. Sadeh

 June 2004 **Proceedings of the 1st French-speaking conference on Mobility and ubiquity computing UbiMob '04**
Publisher: ACM Press

 Full text available: [pdf\(765.52 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We give an overview of the work achieved in *myCampus*, an open environment relying on context-awareness to assist mobile accesses to services available on the intranet of a campus, while enforcing privacy preferences of the users.

Keywords: agents, context, mobility, privacy, semantic web

3 [Grammatical analysis: On using semantic data in automatic syntactic analysis](#)





Morris Salkoff

 August 1973 **Proceedings of the 5th conference on Computational linguistics - Volume 2**
Publisher: Association for Computational Linguistics



 Full text available: [pdf\(985.75 KB\)](#) Additional Information: [full citation](#)


4 [The Apertos reflective operating system: the concept and its implementation](#)



-  Yasuhiko Yokote
 October 1992 **ACM SIGPLAN Notices , conference proceedings on Object-oriented programming systems, languages, and applications OOPSLA '92**, Volume 27 Issue 10
Publisher: ACM Press
 Full text available:  pdf(2.58 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

5 Horizontal partitioning



-  Jan E. Bond
 February 1988 **Proceedings of the 1988 ACM sixteenth annual conference on Computer science**
Publisher: ACM Press
 Full text available:  pdf(580.05 KB) Additional Information: [full citation](#), [references](#), [index terms](#)



- 6 Ensuring privacy in presence awareness: an automated verification approach
 Patrice Godefroid, James D. Herbsleb, Lalita Jategaonkar Jagadeesany, Du Li
 December 2000 **Proceedings of the 2000 ACM conference on Computer supported cooperative work**
Publisher: ACM Press

Full text available:  pdf(151.39 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Providing information about other users and their activities is a central function of many collaborative applications. The data that provide this "presence awareness" are usually automatically generated and highly dynamic. For example, services such as AOL Instant Messenger allow users to observe the status of one another and to initiate and participate in chat sessions. As such services become more powerful, privacy and security issues regarding access to sensitive user data become critical ...

Keywords: computer-supported cooperative work, coordination, presence awareness, privacy, security, verification

- 7 The Swendsen-Wang process does not always mix rapidly
 Vivek K. Gore, Mark R. Jerrum
 May 1997 **Proceedings of the twenty-ninth annual ACM symposium on Theory of computing**
Publisher: ACM Press
 Full text available:  pdf(1.13 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

- 8 Role analysis
 Viktor Kuncak, Patrick Lam, Martin Rinard
 January 2002 **ACM SIGPLAN Notices , Proceedings of the 29th ACM SIGPLAN-SIGACT symposium on Principles of programming languages POPL '02**, Volume 37 Issue 1
Publisher: ACM Press
 Full text available:  pdf(2.27 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

We present a new *role system* in which the type (or *role*) of each object depends on its referencing relationships with other objects, with the role changing as these relationships change. Roles capture important object and data structure properties and provide useful information about how the actions of the program interact with these properties. Our role

system enables the programmer to specify the legal aliasing relationships that define the set of roles that objects may play, the ...

9 Locking effects in multiprocessor implementations of protocols



Mats Björkman, Per Gunningberg

October 1993 **ACM SIGCOMM Computer Communication Review , Conference proceedings on Communications architectures, protocols and applications SIGCOMM '93**, Volume 23 Issue 4

Publisher: ACM Press

Full text available: pdf(1.06 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

We investigate how to exploit shared memory multiprocessors for parallel protocol processing. We present a multiprocessor implementation of the x-kernel protocol environment from the University of Arizona. A "processor-per-message" paradigm is used to partition the work over processors. Locks are used to protect shared protocol state and data. Mutual exclusion by locking can be costly if the parallel protocol code frequently accesses shared state and data. This paper addresses the effect of lock ...

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